

REPORT OF OPERATIONS -- HOPPER DREDGES						RCS: ENG CW-0-13			
TO: COMMANDER/DIRECTOR U.S. ARMY WATER RESOURCES SUPPORT CENTER ATTN: WRSC-D, FORT BELVOIR, VA 22060				DISTRICT		DREDGE			
EXACT LOCATION OF WORK				<input type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> CONSOLIDATED <input type="checkbox"/> JOB REPORT		DATE			
						AV. NUMBER OF PERSONS IN CREW			
AV. LENGTH OF CUT FT.		CHARACTER OF MATERIAL							
AV. WIDTH OF CUT FT.		ABSOLUTE DENSITY GMS/LITER		IN PLACE DENSITY GMS/LITER		WATER DENSITY GMS/LITER			
AV. DIST. TO DUMP MILES		VOIDS RATIO		GRAIN SIZES: D ₂₀ - MM. D ₅₀ - MM. D ₈₀ - MM.					
HOPPER CAPACITY CU. YDS.		AV. VOLUME OF WATER CU. YDS.		AV. UNFILLED CAPACITY CU. YDS.					
NAVIGATION AND OTHER AIDS, INCLUDING STATEMENT AS TO ADEQUACY									
WORK PERFORMED				DISTRIBUTION OF TIME					
CUBIC YARDS		THIS PERIOD	PREVIOUSLY	TO DATE	EFFECTIVE WORKING TIME (Chargeable to Cost of Work)		HOURS	MINUTES	
A. HAULED									
B. AGITATED					DREDGING AND HAULING				
C. PAY PLACE (Credited)					PUMPING				
D. EXCESS					TURNING				
E. NATURAL SHOALING OR SCOURING					TO AND FROM DUMP				
F. TOTAL (C&E)					DUMPING				
NUMBER OF LOADS HAULED		NUMBER OF TEST LOADS			TOTAL				
AV. LOAD CU. YDS.		AV. ECONOMIC LOAD CU. YDS.			AGITATION				
AV. PUMPING TIME		AV. ECONOMIC PUMPING TIME MINS.			PUMPING AND TURNING				
ATTENDANT PLANT				TOTAL EFFECTIVE WORKING TIME					
NAME OF PLANT		TYPE		HOURS	PERCENTAGE OF RENTAL TIME		%		
					NONEFFECTIVE WORKING TIME (Chargeable to Cost of Work)				
					TAKING ON FUEL AND SUPPLIES				
					TO AND FROM WHARF OR ANCHORAGE				
					LOSS DUE TO OPPOSING NATURAL ELEMENTS				
					LOSS DUE TO TRAFFIC AND BRIDGES				
					MINOR OPERATING REPAIRS				
					TRANSFERRING BETWEEN WORKS				
					LAY TIME				
					FIRE AND BOAT DRILLS				
					MISCELLANEOUS				
					TOTAL NONEFFECTIVE WORKING TIME				
OPERATING SUPPLIES				PERCENTAGE OF RENTAL TIME				%	
COMMODITIES		CONSUMED		INVENTORY		TOTAL RENTAL TIME			
		UNIT	QUANTITY	QUANTITY	VALUE	PERCENTAGE OF TOTAL TIME		%	
FUEL (Oil)		BBLS.				LOST TIME (Not Chargeable to Cost of Work)			
LUBRICANTS (Oil)		GALS.				MAJOR REPAIRS AND ALTERATIONS			
LUBRICANTS (Greased)		LBS.				CESSATION			
WATER		GALS.				COLLISIONS			
						TOTAL LOST TIME			
SUBSISTENCE SUPPLIES						PERCENTAGE OF TOTAL TIME		%	
MISCELLANEOUS SUPPLIES									
TOTAL						TOTAL TIME IN PERIOD			
MISCELLANEOUS DATA									
NUMBER OF INSPECTIONS BY FIELD SUPERVISORY PERSONNEL				PERCENT OF TOTAL PUMPING TIME GAS EJECTION IN USE					
NUMBER OF INSPECTIONS BY OFFICE SUPERVISORY PERSONNEL				HOURS DURING PERIOD RADAR IN USE					

COST DATA

ITEMS

COST

PAYROLLS <i>(gross)</i>	\$-	
LESS SUBSISTENCE AND QUARTERS		\$-
SUBSISTE		
FUEL	BBLS. AT \$	
WATER		
LUBRICANTS		
PLANT RENTAL		
INSURANCE		
ATTENDANT PLANT		
MISCELLANEOUS		
TOTAL PLANT OPERATING COST		
\$	HAULED \$	AGITATED
SURVEYS		\$-
INSPECTION AND SUPERVISION		
OVERHEAD		
OTHER INDIRECT COSTS		
	SUBTOTAL	
TOTAL COSTS		
TOTAL COST PER CUBIC YARD:	+ SHOALING	TOTAL COST TO
CREDITED	CREDITED - SCOURING	REMOVE EXCESS
JOB EST. \$	\$	\$
THIS PERIOD \$	\$	\$
JOB TO DATE \$	\$	\$
OPERATING COST PER MINUTE AT WORK		\$

FORMULA:
EXCESS YARDAGE

EXCESS + CREDIT { x SHOALING x TOTAL COST
- SCOURING

(BASED on effective plus noneffective

DATA FROM PLANT COST AND RENTAL	
BOOK	19
BALANCE IN PLANT RENTAL	\$
ADDITIONS AND BETERMENTS TO	\$
COSTS CHARGED TO PLANT RENTAL:	
DEPRECIATION	\$
CESSATION OF WORK	\$
REPAIRS TO HULL	\$
REPAIRS TO MACVHINERY	\$
SMALL TOOL, ROPE, ETC.	\$
TOTAL COST	\$

CHIEF BUDGET AND ACCOUNTS BRANCH

REMARKS

SUBMITTED BY	RECOMMENDED	APPROVED
TITLE	TITLE	TITLE
		CORPS OF ENGINEERS
		DISTRICT ENGINEER